

Amendments to the Claims

Claim 1 (Canceled)

2. (Previously presented) A green tire as set forth in claim 21, wherein the reinforcement cords in one row are transversely staggered relative to the reinforcement cords in an adjacent row.

3. (Previously presented) A green tire as set forth in claim 2, wherein the plurality of rows are two parallel rows of reinforcement cords.

4. (Previously presented) A green tire as set forth in claim 21, wherein the plurality of rows are two parallel rows of reinforcement cords.

5. (Previously presented) A green tire as set forth in claim 21, wherein the elastomeric sheet is made of rubber.

6. (Previously presented) A green tire as set forth in claim 21, wherein the sheet has a thickness of about 0.5 mm to about 2.0 mm.

7. (Previously presented) A green tire as set forth in claim 6, wherein the sheet has a width of about 150 mm to about 250 mm.

8. (Previously presented) A green tire as set forth in claim 21, wherein each row comprises between about 50 to about 600 cords.

9. (Previously presented) A green tire as set forth in claim 8, wherein the cords each have a diameter of about 0.3 mm to about 2.0 mm.

10. (Previously presented) A green tire as set forth in claim 9, wherein the reinforcement cords in each row are spaced from adjacent reinforcement cords in the same row a distance of about 0.1 mm to about 3.8 mm.

11. (Withdrawn) A method of making the body ply for the green tire of claim 21, comprising the steps of:
introducing the reinforcement cords into a die assembly; and
extruding rubber into a cavity of the die assembly so that rubber is forced around and between the reinforcement cords.

12. (Withdrawn) A method as set forth in claim 11, wherein an insert is positioned upstream of the die cavity and wherein the reinforcement cords pass through the insert.

13. (Withdrawn) A method as set forth in claim 12, wherein the insert comprises a body portion with a plurality of passages extending from an entrance end to an exit end and wherein the passages are arranged in a plurality of rows corresponding to the desired placement and spacing of the reinforcement cords.

14. (Withdrawn) A method as set forth in claim 13, wherein the passages are arranged in two parallel rows.

15. (Withdrawn) A method as set forth in claim 14, wherein the openings in one row are transversely staggered relative to the openings in the other row.

16. (Withdrawn) A method as set forth in claim 11, wherein said introducing and said extruding steps comprise:

replacing an insert in an existing machine with an insert having the passages corresponding to the arrangement of reinforcement cords in the elastomeric sheet;

passing the reinforcement cords through the replacement insert and into a die assembly of the existing machine; and

extruding rubber into a cavity of the die assembly so that rubber is forced around and between the reinforcement cords.

17. (Withdrawn) A method as set forth in claim 11, further comprising the step of cutting the body ply material to size to form the body ply.

18. (Withdrawn) A method of making the body ply for the green tire of claim 21, comprising the steps of:

replacing an insert in an existing machine used to make steel belts or single layer body ply material with an insert having the passages corresponding to the arrangement of reinforcement cords in the elastomeric sheet;

passing the reinforcement cords through the replacement insert and into a die assembly of the existing machine; and

extruding rubber into a cavity of the die assembly so that rubber is forced around and between the reinforcement cords.

Claims 19-20 (Canceled)

21. (Previously presented) A green tire incorporating a body ply comprising an elastomeric sheet and a plurality of rows of reinforcement cords embedded therein by extruding an elastomeric material between and around the cords in the plurality of rows, the body ply having edges forming an axially extending seam, wherein each of the reinforcement cords has a diameter d , wherein adjacent cords in a first of the plurality of rows are spaced a distance d_{a-a} and wherein adjacent cords in a second of the plurality of rows are spaced a distance d_{b-b} and wherein these distances are equal and uniform.

22. (Original) A green tire as set forth in claim 21, wherein the body ply has sliced edges forming the axially extending seam.

23. (Original) A green tire as set forth in claim 21, wherein the reinforcement cords extend substantially parallel to the axis of the green tire.

Claims 24-28 (canceled)